

Item description/product images



Description

Product description:

The functioning principle make the wedge clamps ideal for multi-clamping. The wedge shape creates high clamping forces. Tightening the clamping screw moves the clamping segments outwards and press the workpieces against the fixed jaws. The wedge has a slightly elongated hole allowing for movement to compensate for tolerances.

Displacement: M12 = ± 1 mm.

Material:

Double wedge and clamping segments mild steel.

Version:

Double wedge and clamping segments hardened, phosphated.

Note:

These wedge clamps can only be used in conjunction with the clamping rail 41500 for multiple clamping.

The lateral fastening holes are used to fasten workpiece stops.

The two screw-on holes in the clamping faces also enable seating ledges to be mounted so as to optimise the clamping depth of the workpieces.

Advantages:

The lateral scale on the clamping rail and the fixed jaw guarantees a very high repeat clamping accuracy.

Supplied with:

Wedge clamps

Fastening screws.

Slot keys.

Drawing reference:

Form A: Smooth jaw face

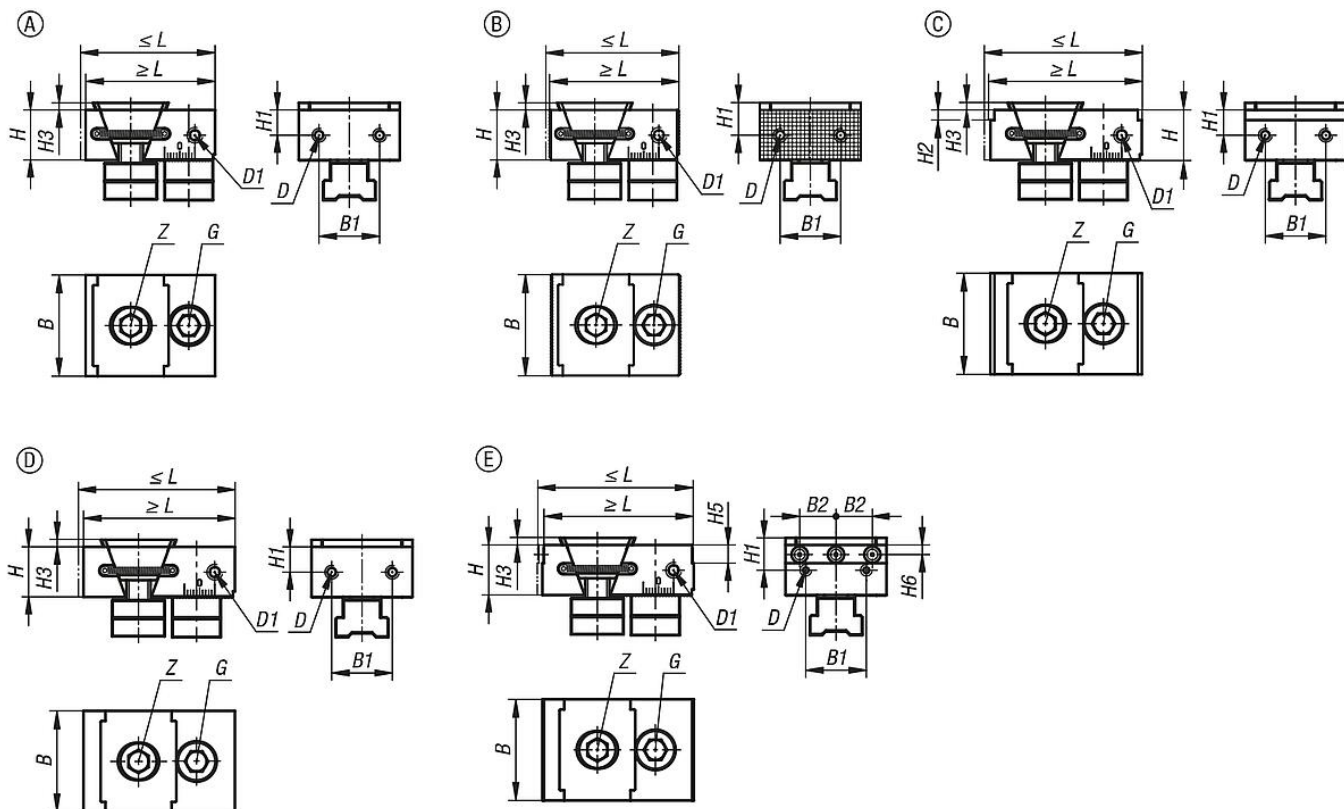
Form B: Serrated jaw facet

Form C: With step

Form D: With machining allowance

Form E: With jaw pins

Drawings



Overview of items

Order No.	Form	Form definition	L min.	L max.	B	H	B1	B2	H1	H2	H3	H5	H6
41501-05-0500112	A	smooth	64	70	50	25	30	-	12,5	-	3,5	-	-
41501-05-0500212	B	serrated	64	70	50	25	30	-	12,5	-	3,5	-	-
41501-05-0502312	C	2 mm steps	71	77	50	25	30	-	12,5	2	3,5	-	-
41501-05-0505312	C	5 mm steps	71	77	50	25	30	-	12,5	5	3,5	-	-
41501-05-0500412	D	with machining allowance	75	81	50	25	30	-	12,5	-	3,5	-	-
41501-05-0500512	E	with pins	74,5	80,5	50	25	30	18	12,5	-	3,5	9	4,75

Order No.	Form	Form definition	D Internal thread	D1	G cap screw DIN 912	Z cap screw DIN 912	Clamping force max. kN	Tightening torque max. Nm
41501-05-0500112	A	smooth	M5	M6	M12x30	M12x25	30	85
41501-05-0500212	B	serrated	M5	M6	M12x30	M12x25	30	85
41501-05-0502312	C	2 mm steps	M5	M6	M12x30	M12x25	30	85
41501-05-0505312	C	5 mm steps	M5	M6	M12x30	M12x25	30	85
41501-05-0500412	D	with machining allowance	M5	M6	M12x30	M12x25	30	85
41501-05-0500512	E	with pins	M5	M6	M12x30	M12x25	30	85